

ABSTRACT

The present invention is directed to a treatment for sunburn and a method for preventing sunburn. One aspect of this invention involves a sunburn treatment comprising one or more polypeptides with an amino acid sequence including KPV (SEQ. ID. NO. 1), MEHFRWG (SEQ. ID. NO. 2), HFRWGKPV (SEQ. ID. NO. 3), or
5 SYSMEHFRWGKPV (SEQ. ID. NO. 4) for the treatment of the cutaneous inflammation caused by exposure to ultraviolet radiation. The polypeptides are at a level to effectively treat the cutaneous inflammation and are carried by a carrier. The one or more polypeptides can also be a dimer formed from any of the amino acid sequence above. In
10 one preferred embodiment of the invention, the one or more polypeptides are used to prevent sunburn. In another preferred embodiment, the one or more polypeptides are dissolved in a carrier. In another preferred embodiment, the carrier includes aloe vera and lidocaine hydrochloride. In another preferred embodiment of the invention, the one or more polypeptides are dissolved in a liquid that is associated with an absorbent
15 material for application to sunburned skin.